

<p>2002-483574/52</p> <p>FURUKAWA ELECTRIC CO LTD 2000.07.31 2000-232183(+2000JP-232183) (2002.04.16) C09D 153/00, 133/14, 161/28, 175/04, 183/04</p> <p>Hardening resin for a water repellent paint comprise hydroxyl-group containing silicone acryl block polymer, hardening agent and organic particles</p> <p>C2002-137866</p> <p>Addnl. Data: NIPPON PAINT CO LTD (NIPA) 2001.07.19 2001JP-220468</p>	<p>A82 G02 (A14 A26)</p> <p>FURU 2000.07.31</p> <p>*JP 2002114941-A</p> <p>NOVELTY</p> <p>Hardening resin for a water repellent paint consists of:</p> <ul style="list-style-type: none">(A) hydroxyl group-containing silicone acryl block polymer;(B) polyisocyanato hardening agent and/or a melamine hardening agent; and(C) Organic particles having a mean particle diameter of 1-10 micro m, being a primary particle condensate having a mean particle diameter of several 10 nm. <p>USE</p> <p>The hardening resin is used for water repellent paint and finds its application in the painted matter.</p> <p>ADVANTAGE</p> <p>The hydroxyl group-containing silicone acryl block polymer has good water repellency. The hardening agent crosslinks the polymer. The result timewise decreases no water repellency observed in the coating film. The inorganic particles highly increase an apparent water contact angle observed in the coating film. The result exhibits the</p> <p>IP 2002114941-A+</p>
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superior water repellency. The hardening resin exhibits the superior water repellency and retains its function.

TECHNOLOGY FOCUS

Inorganic Chemistry - Composition: The inorganic particle consists of hydrophobic silica.

Products: A painted matter has the painted hardening resin composition.
(8pp215DwgNo.0/0)